Serial No. 10/714,992

## IN THE CLAIMS

Claim 1 (canceled).

Claim 2 (currently amended): The valve according to claim [[1]] 21 wherein the housing includes an inlet communicated with the reservoir of the blowtorch and an outlet communicated with the nozzle of the blowtorch, with the first chamber communicated with the inlet, wherein the housing further includes a channel communicated with the first chamber, wherein the channel is communicated with the outlet through the second chamber.

Claim 3 (canceled).

Claim 4 (currently amended): The valve according to claim [[3]] 2 wherein the first chamber includes a wide portion, a narrow portion and an annular shoulder formed between the wide portion and the narrow portion, and the switch plunger of the switching device leaves the annular shoulder in the communicating mode but abuts the annular shoulder in the blocking mode.

Claim 5 (original): The valve according to claim 4 wherein the inlet leads to the large portion of the first chamber, and the channel leads from the narrow portion of the first chamber.

Claim 6 (currently amended): The valve according to claim 4 wherein the switch plunger includes a wide portion installed in the wide portion of the first chamber for abutment against the annular shoulder of the first chamber and a narrow portion installed substantially in the narrow portion of the first chamber.

Claim 7 (currently amended): The valve according to claim 6 wherein the narrow portion of the switch plunger extends through the narrow portion of the first chamber, with the pusher contacting and pushing the narrow portion of the switch plunger.

Claim 8 (canceled).

Claim 9 (currently amended): A [[The]] valve according to claim 8 for a blowtorch, the valve comprising a housing connected between a reservoir and a nozzle of the blowtorch, a switching device for switching the valve between a communicating mode and a blocking mode and an adjusting device for adjusting the flow rate of the gas through the valve, wherein the housing includes a first chamber, wherein the switching device includes a switch plunger installed and reciprocal in the first chamber in a reciprocation direction between the communication mode and the blocking mode, wherein the switching device further includes a pusher contacting and pushing the switch plunger, wherein the pusher at

Serial No. 10/714,992

<u>a point of contact</u> is movable relative to the narrow portion of the <u>switch</u> plunger <u>in a movement direction nonparallel to the reciprocation direction.</u>

Claim 10 (currently amended): The valve according to claim 9 wherein the pusher includes an inclined portion [[for]] inclined from the movement direction and in the reciprocation direction, with the inclined portion contacting and pushing the narrow portion of the switch plunger.

Claim 11 (currently amended): The valve according to claim 6 wherein the switching device further includes an annular seal put around the narrow portion of the <u>switch</u> plunger thereof for abutment against the annular shoulder.

Claim 12 (currently amended): The valve according to claim 7 wherein the annular seal includes an internal edge put in an annular groove defined in the narrow portion of the <u>switch</u> plunger of the switching device.

Claim 13 (currently amended): The valve according to claim wherein 6 the switching device further includes a cap <u>threadably engaged in the first chamber and</u> for keeping the <u>switch</u> plunger <del>thereof</del> in the first chamber.

Claim 14 (original): The valve according to claim 13 wherein the cap includes a wide portion put against the housing and a narrow portion put in the first chamber.

Claim 15 (original): The valve according to claim 13 wherein the switching device further includes an annular seal put between the wide portion of the cap and the housing.

Claim 16 (currently amended): The valve according to claim 13 wherein the switching device further includes a spring compressed between the cap and the <u>switch</u> plunger <del>thereof</del>.

Claim 17 (currently amended): The valve according to claim [[3]] 2 wherein the adjusting plunger of the adjusting device includes a conical end for sealing the outlet.

Claim 18 (currently amended): The valve according to claim [[3]] 17 wherein the adjusting device further includes a driver installed in the second chamber for pushing the adjusting plunger thereof.

Claim 19 (currently amended): The valve according to claim 18 wherein the driver of the adjusting device includes a thread formed thereon, and the second chamber includes a thread formed on [[the]] <u>a</u> wall for engagement with the thread of the driver of the adjusting device.

Serial No. 10/714,992

Claim 20 (currently amended): The valve according to claim 18 wherein the <u>adjusting</u> plunger of the adjusting device includes a round end, and the driver of the adjusting device includes a recessed end for receiving the round end of the <u>adjusting</u> plunger.

Claim 21 (new): The valve according to claim 9 wherein the housing further includes a second chamber, wherein the adjusting device includes an adjusting plunger installed and reciprocal in the second chamber in an adjustment direction, with the adjustment direction being parallel to the movement direction.

Claim 22 (new): The valve according to the claim 21 wherein the adjusting plunger is rotatable along the adjustment direction, with the adjustment plunger including a knob for rotating the adjustment plunger, with the valve further including an internal button slideable relative to the knob and engaging with the pusher for moving the pusher in the movement direction.

Claim 23 (new): The valve according to claim 22 further including an external button, with the external and internal buttons located on opposite axial sides of the knob, with the internal button located intermediate the external button and the pusher.